

**To:** Schaefer, Joe[Schaefer.Joe@epa.gov];  
Brad.Morgan@WestonSolutions.com[Brad.Morgan@WestonSolutions.com]  
**Cc:** Burgo, Daniel[Burgo.Daniel@epa.gov]; Delgado, Eric[Delgado.Eric@epa.gov]; McComb,  
Martin[McComb.Martin@epa.gov]; Nattis, Randy[Nattis.Randy@epa.gov];  
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Long.Ma@WestonSolutions.com[Long.Ma@WestonSolutions.com];  
kris.fuller@westonsolutions.com[kris.fuller@westonsolutions.com];  
John.Lucotch@WestonSolutions.com[John.Lucotch@WestonSolutions.com]; Bruce,  
Ian[Ian.Bruce@WestonSolutions.com]  
**From:** Latham (Polinko), Janine  
**Sent:** Sat 8/22/2015 3:53:39 AM  
**Subject:** RE: Performance Tuning Public Viewer

We are meeting with ESRI Disaster Response Team next week to discuss what scaling up a  
workhorse server should look like if needed.

**From:** Schaefer, Joe [mailto:Schaefer.Joe@epa.gov]  
**Sent:** Friday, August 21, 2015 7:49 PM  
**To:** Morgan, Bradley <Brad.Morgan@WestonSolutions.com>  
**Cc:** Burgo, Daniel <Burgo.Daniel@epa.gov>; Delgado, Eric <Delgado.Eric@epa.gov>;  
McComb, Martin <McComb.Martin@epa.gov>; Nattis, Randy <Nattis.Randy@epa.gov>;  
Latham (Polinko), Janine <Janine.Latham@WestonSolutions.com>; Dutt, Rajendra (Raj)  
<Raj.Dutt@westonsolutions.com>; Ma, Long <Long.Ma@WestonSolutions.com>; Fuller, Kris  
<Kris.Fuller@WestonSolutions.com>; Lucotch, John <John.Lucotch@WestonSolutions.com>;  
Bruce, Ian <Ian.Bruce@WestonSolutions.com>  
**Subject:** Re: Performance Tuning Public Viewer

Then that works for me.

Let me know as we approach that decision point and I can make sure my folks are set to get you  
what you need to make the magic happen.

Joe Schaefer

Environmental Response Team

(c) 609-865-9111

On Aug 21, 2015, at 8:46 PM, Morgan, Bradley <[Brad.Morgan@WestonSolutions.com](mailto:Brad.Morgan@WestonSolutions.com)> wrote:

I think duration = as long as HQ or the Data Teams cares or until we see activity decrease

Brad Morgan

Weston Solutions, Inc.

Phone: 469.666.5528

Cell: 972.977.7422

On Aug 21, 2015, at 7:13 PM, Schaefer, Joe <[Schaefer.Joe@epa.gov](mailto:Schaefer.Joe@epa.gov)> wrote:

Sounds fine to me to.

One question, if the additional server is needed would that be in the R136 VPC and if so how long would it need to exist (duration of response? Forever? Longer than forever?)?

Joe Schaefer

Environmental Response Team

(c) 609-865-9111

On Aug 21, 2015, at 8:06 PM, Burgo, Daniel <[Burgo.Daniel@epa.gov](mailto:Burgo.Daniel@epa.gov)> wrote:

Sounds good to me. I'm just one of a few though.

Sent from my iPhone

On Aug 21, 2015, at 4:20 PM, Morgan, Bradley  
<[Brad.Morgan@WestonSolutions.com](mailto:Brad.Morgan@WestonSolutions.com)> wrote:

Data Team,

We are planning on doing the following with your permission, please let us know.

We have setup a secure QA site for the Public viewer so we can test all these changes prior to releasing them on the public viewer.

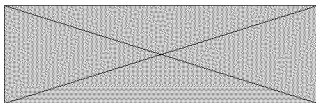
Last night we shut down all services that were not being used to directly feed data to the Public Viewer and Operations viewer and we removed the Aspect Leading Edge Service which was a resource hog.

Tonight we plan to implement a cache on the non-dynamic GIS services that we will do manually (initially) so we can test to make sure is all good once the services are cached. We have done the cache on the QA server and that is automated – we will monitor that automation on QA for 2-3 days and if it goes well we will implement on the public viewer. This cache process will run at 3 a.m. est – Midnight Pst every night to help with the speed of loading the viewer.

We have also spent the last 1.5 days looking at the Java Script performance turning suggestions that were provided by Tim Richards and we have implemented what we could. Long will push these to QA either tonight or tomorrow morning when he is done and we will test there and then will push to production with all possible haste.

We are in active communication with ESRI and early next week are going to discuss the possibility of standing up a new server and they are going to look at our architecture and provide any additional recommendations that they may have.

Please



***Brad Morgan***

***Client Service Manager, IT Practice Director***

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